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LANDS AND FORESTS
TECHNICAL NOTE

THE 1989 BOW HUNT, NOVA SCOTIA

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Nova Scotia bowhunters enjoyed their second year of deer hunting throughout the province in a bowhunting-only season from October 1 through October 15, 1989. A total of 1881 hunters bought bowhunting stamps. Of these, 1870 were Nova Scotia residents and 11 were non-residents.

Bowhunters registered 140 deer in the early season for a hunter success rate of 7.4 percent. Table 1 indicates the registered kill by sex, for each county, during this season.

During the regular season 289 persons also bowhunted in full camouflage in the Chignecto Management Unit. During this twenty-first year of this very popular Chignecto hunt, the participants registered 26 deer, for a hunter success rate of 9.0 percent.

In 1988, 302 participants in the Chignecto hunt registered a kill of 24 deer, for a hunter success rate of 7.95 percent. Table 2 gives the date of kill, sex, age, weight and number of antler points for the deer registered during the 1988 hunt. Table 3 gives the same data for the 1989 hunt. Weights are in pounds.

Bowhunters participating in the Chignecto hunt are required to provide information on their time and wildlife sightings while in the Unit. Table 4 indicates daily participants and reported sightings of specified wildlife during the 1988 hunt. Table 5 provides the 1989 information.

Table 6 indicates hunter participation and deer harvest data for 1969 through 1989. Table 7 compares wildlife sighting information over the 21 years.

Figure 1 compares deer and moose sightings over the 21-year period using sightings per hunter day. Figure 2 compares grouse and rabbit sightings, and Figure 3 does the same for bobcat and coyote sightings. Figure 4 depicts the deer kill and hunter success rate over the years.

Although the early bowhunting-only season is very popular among bowhunters, the Chignecto hunt continues to attract a large number of participants, who appreciate the opportunity to hunt for deer in Nova Scotia in the traditional full bowhunter camouflage.

Table 1. *Registered Deer Kill by County, Bow Hunting Season, Nova Scotia, 1989.*

County	Male	Female	Unknown	Total
Annapolis	3	5	0	8
Antigonish	2	0	0	2
Cape Breton	3	1	0	4
Colchester	6	5	0	11
Cumberland	6	1	0	7
Digby	0	1	0	1
Guysborough	1	1	0	2
Halifax	4	9	0	13
Hants	12	11	0	23
Inverness	5	3	0	8
Kings	4	7	0	11
Lunenburg	5	10	0	15
Pictou	0	3	0	3
Queens	3	4	0	7
Richmond	1	1	0	2
Shelburne	4	3	0	7
Victoria	1	1	1	3
Yarmouth	5	8	0	13
Total	**65**	**74**	**1**	**140**

Table 2. *Deer Kill Chignecto Bow Hunt 1988.*

Date	Sex	Age	Weight	Points
Oct. 28	M	2.5	191	6
Oct. 28	F	4.5	108	
Oct. 29	M	4.5	185	4
Oct. 29	F	3.5	118	
Oct. 29	F	0.5	65	
Oct.31	M	0.5	64	
Nov. 1	F	2.5	105	
Nov. 2	F	4.5	140	
Nov. 9	F	3.5	140	
Nov. 11	M	0.5	60	
Nov. 11	M	3.5	157	6
Nov. 14	M	4.5	200	9
Nov. 15	M	4.5	196	6
Nov. 16	M	5.5	188	8
Nov. 17	F	0.5	64	
Nov. 18	M	2.5	156	5
Nov. 18	M	3.5	195	10
Nov. 18	M	2.5	137	4
Nov. 19	M	6.5	190	7
Nov. 22	M	7.5	170	6
Nov. 24	F	3.5	127	
Nov. 26	M	3.5	143	6
Nov. 28	M	4.5	170	7
Dec. 1	F	0.5	70	

Table 3. *Deer Kill Chignecto Bow Hunt 1989.*

Date	Sex	Age	Weight	Points
Oct. 27	M	2	115	6
Oct. 27	F	4.	100	
Oct. 28	F	1	60	
Oct. 30	F	5	109	
Oct. 31	M	5	185	8
Oct. 31	F	4	128	
Nov. 1	F	3	95	
Nov. 4	F	5	130	
Nov. 7	M	4	165	10
Nov. 9	F	3	105	
Nov. 10	M	3	127	3
Nov. 10	M	1	65	
Nov. 11	M	7	190	9
Nov. 11	M	3	140	6
Nov. 11	F	3	125	
Nov. 14	M	3	167	9
Nov. 15	M	7	185	9
Nov. 16	M			11
Nov. 16	M	6	167	10
Nov. 17	M	4	151	9
Nov. 24	M	1	54	
Nov. 24	M	1		
Nov. 25	F	7	108	
Nov. 27	F	4	90	
Dec. 1	F	5	98	
Dec. 1	F	5	112	

Table 4. *Chignecto Bow Hunt 1988.*

Date	Hunters	Sightings: Deer				Other				
		Bucks	Does	Unknown	Total	Moose	Grouse	Rabbit	Coyote	Bobcat
Oct. 28	70	32	78	45	155	5	30	5	8	
Oct. 29	106	29	114	34	177	8	43	15	4	6
Oct. 31	38	6	21	8	35		5	3	5	
Nov. 1	38	11	30	6	47	4	7	2		1
Nov. 2	27	2	33	15	50	3	4		1	
Nov. 3	43	14	55	14	83		17	4	1	1
Nov. 4	62	11	49	20	80		19	2	3	
Nov. 5	96	22	56	24	102	5	42	14	6	
Nov. 7	37	15	22	16	53		9	5	3	
Nov. 8	40	14	18	15	47	1	9	7	3	
Nov. 9	48	22	40	23	85	2	11	8	1	
Nov. 10	63	23	27	14	64	2	25	7	6	
Nov. 11	131	44	102	41	187	6	30	22	2	1
Nov. 12	119	52	94	51	197	6	25	11	1	
Nov. 14	35	21	33	26	80		19	10		
Nov. 15	38	29	29	26	84		12	9		
Nov. 16	51	25	32	12	69	1	10	21	4	1
Nov. 17	54	22	41	12	75	6	11	6		
Nov. 18	74	21	37	33	91		21	23	1	
Nov. 19	99	38	57	17	112	1	29	27		1
Nov. 21	8	11	20	6	37	1	3	2		
Nov. 22	20	7	22	13	42	3	5	2		
Nov. 23	24	20	26	5	51		1			
Nov. 24	22	19	24	15	58		5	3		
Nov. 25	43	11	37	19	67	2	4	10	1	
Nov. 26	67	35	90	63	188	3	19	13		
Nov. 28	10	3	10	13	26					
Nov. 29	5	1	13	4	18		1	1		
Nov. 30	9	4	10	3	17			2		
Dec. 1	26	5	20	12	37		10	15		
Dec. 2	46	10	46	24	80	2	7	23		
Dec. 3	75	3	48	38	89	2	26	59	1	
Total	**1624**	**582**	**1334**	**667**	**2583**	**63**	**459**	**331**	**51**	**11**

Table 5. *Chignecto Bow Hunt 1989.*

Date	Hunters	Sightings: Deer				Other				
		Bucks	Does	Unknown	Total	Moose	Grouse	Rabbit	Coyote	Bobcat
Oct. 27	81	8	70	43	121	8	134	1	23	
Oct. 28	112	15	53	24	92	15	321	5	14	2
Oct. 30	34	6	21	0	27	1	59		5	
Oct. 31	33	11	29	14	54		41	4		
Nov. 1	22	5	50	16	71	1	27	1	1	
Nov. 2	25	6	19	8	33	5	37		9	
Nov. 3	37	4	31	21	56	2	70	6	2	
Nov. 4	72	16	44	20	80	12	178	7	5	
Nov. 6	33	9	37	9	55		34	2		
Nov. 7	34	12	41	19	72		51	2	1	
Nov. 8	45	22	41	26	89		72	2		
Nov. 9	40	9	43	14	66	3	39	3	6	
Nov. 10	66	22	49	28	99	7	42		6	
Nov. 11	107	28	65	25	118	4	86	6	1	
Nov. 13	91	23	67	38	128	3	103	7	1	2
Nov. 14	63	29	88	15	132		36	2	1	6
Nov. 15	63	17	42	13	72	1	103	13		
Nov. 16	75	35	72	28	135		41	3		
Nov. 17	87	32	96	26	154		97	9		1
Nov. 18	98	32	79	35	146	1	69	14		
Nov. 20	22	7	13	2	22	2	14	1	5	
Nov. 21	20	13	34	13	60	1	3			
Nov. 22	10	6	16	10	32		3			
Nov. 23	14	3	26	9	38		3	1		
Nov. 24	21	10	42	31	83	1	13	2		
Nov. 25	49	28	120	26	174	4	21	2		1
Nov. 27	15	4	30	6	40		5	3		
Nov. 28	13	5	25	9	39		2	3		
Nov. 29	13	3	6	10	19	1	25	2	2	
Nov. 30	5	1	3	1	5		6			
Dec. 1	21	1	32	14	47	3	11	2		
Dec. 2	39	2	58	50	110	9	20	6		
Total	**1460**	**424**	**1442**	**603**	**2469**	**84**	**1766**	**109**	**82**	**12**

Table 6. *Bow Hunt Participation and Deer Kill. Chignecto Bow Hunt 1969-1989.*

Year	Legal Days	No. Htr.	D* Days	Deer Kill	Days/ Htr.	H.D./ Kill	Kill/ Htr.%
1969	10	31	78	4	2.50	19.50	12.90
1970	10	46	147	4	3.20	36.80	8.70
1971	13	60	277	4	4.60	69.30	6.70
1972	13	44	215	1	4.90	215.00	2.30
1973	13	47	252	4	5.40	63.00	8.50
1974	13	68	305	6	4.50	50.80	8.80
1975	13	69	336	3	4.90	112.00	4.30
1976	13	61	314	5	5.10	62.80	8.20
1977	26	86	500	5	5.80	100.00	5.80
1978	26	96	548	9	5.70	60.90	9.40
1979	41	108	736	10	6.80	73.60	9.30
1980	25	125	677	26	5.40	26.04	20.80
1981	25	156	858	11	5.50	78.00	7.10
1982	26	172	985	16	5.70	61.60	9.30
1983	32	173	935	26	5.40	36.00	15.00
1984	32	225	1276	39	5.70	32.70	17.30
1985	39	302	1729	49	5.70	35.30	16.20
1986	32	330	1757	38	5.30	46.20	11.50
1987	32	323	1690	42	5.20	40.20	13.00
1988	32	302	1624	24	5.38	67.67	7.95
1989	32	289	1267	26	4.38	48.73	9.00
Total	**498**	**3113**	**16,506**	**352**			
Average	**23.71**	**148.24**	**786.00**	**16.76**	**5.30**	**46.90**	**11.31**

*Hunter Day

Table 7. *Wildlife Sightings and Sightings/Hunter Day Reported Chignecto Bow Hunt 1969-1989.*

Year	Deer Total	Deer/ HD*	Moose Total	Moose/ HD	Ruffed Grouse Total	Ruffed Grouse/ HD	Rabbit Total	Rabbit/ HD	Bobcat Total	Bobcat/ HD	Coyote Total	Coyote/ HD
1969	171	2.20	24	0.31								
1970	263	1.80	13	0.09								
1971	338	1.20	34	0.12								
1972	423	2.00	11	0.05								
1973	517	2.10	5	0.02								
1974	598	2.00	42	0.14								
1975	562	1.70	64	0.19	431	1.30	126	0.40				
1976	885	2.80	63	0.20	938	3.00	267	0.90	7	0.020		
1977	1125	2.30	51	0.10	1060	2.00	924	1.80	10	0.020		
1978	1182	2.20	23	0.04	433	0.80	600	1.10	8	0.015		
1979	2023	2.70	71	0.10	461	0.60	144	0.20	6	0.008		
1980	1586	2.30	34	0.05	229	0.30	44	0.10	3	0.004		
1981	1992	2.30	64	0.07	795	0.90	157	0.20	9	0.010		
1982	1519	1.60	45	0.05	1253	1.30	267	0.30	3	0.003	2	0.002
1983	3345	3.60	67	0.07	1404	1.50	362	0.40	6	0.006	17	0.018
1984	3590	2.80	116	0.12	1899	1.50	849	0.70	11	0.008	33	0.026
1985	5933	3.40	44	0.03	1837	1.10	1134	0.70	13	0.007	11	0.006
1986	3877	2.20	67	0.04	429	0.20	741	0.40	10	0.006	13	0.007
1987	3621	2.10	50	0.03	808	0.50	481	0.30	4	0.002	58	0.034
1988	2583	1.59	63	0.04	459	0.28	331	0.20	11	0.007	51	0.031
1989	2256	1.78	61	0.05	1311	1.03	103	0.08	10	0.008	45	0.036

*Hunter Day

Figure 1. *Deer and Moose Sightings/Hunter Day Chignetco Bow Hunts 1969-1989.*

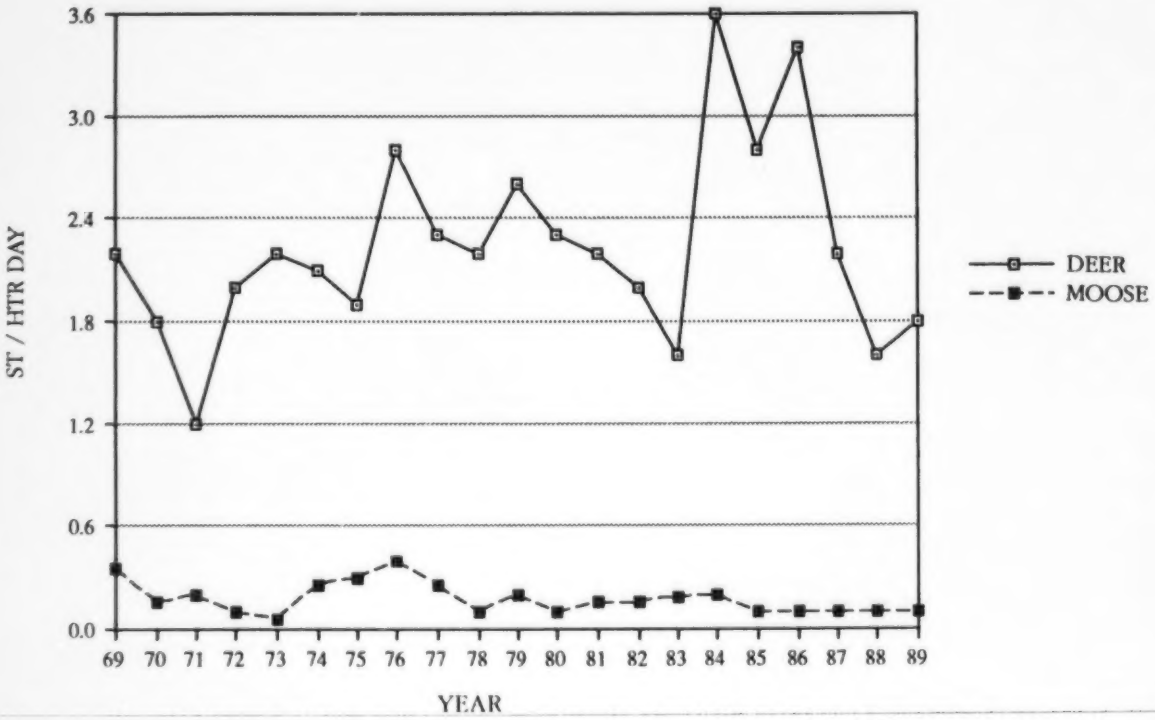

Figure 2. *Grouse and Hare Sightings/Hunter Day Chignecto Bow Hunt 1975-1989.*

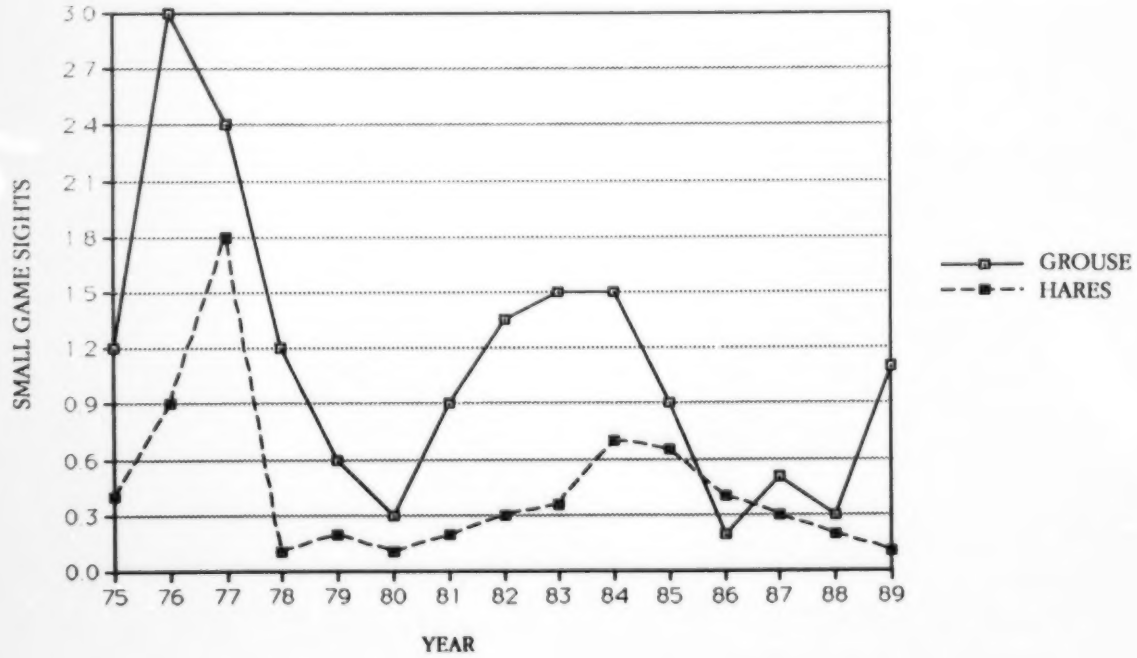

Figure 3. *Predator Sightings/Hunter Day Chignecto Bow Hunts.*

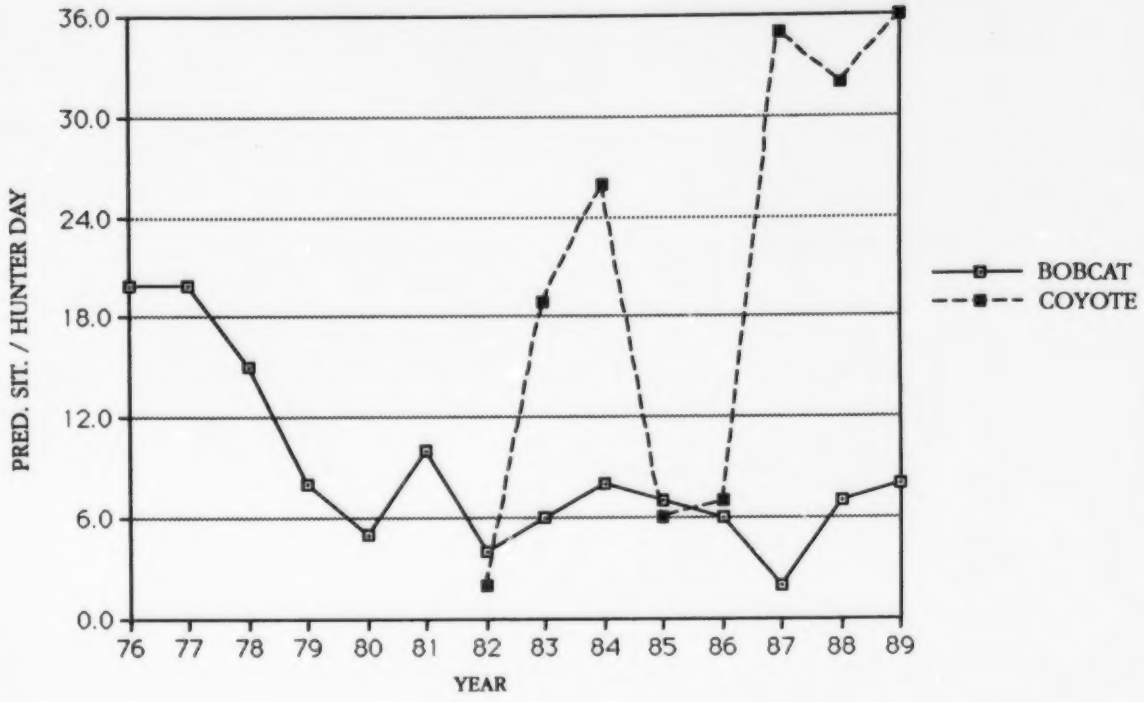

Figure 4. *Deer Kill and Hunter Success Chignecto Bow Hunts 1969-1989.*